

AP 10741

Please amend the application as follows prior to examination on the merits.

IN THE CLAIMS

Please cancel claims 1-10 and add the attached new claims 11-20.

REMARKS

Prior to a formal examination of the above-identified application, acceptance of the new claims and the enclosed substitute specification (under 37 CFR 1.125) is respectfully requested. It is believed that the substitute specification and the new claims will facilitate processing of the application in accordance with M.P.E.P. 608.01(q). The substitute specification and the new claims are in compliance with 37 CFR 1.52 (a and b) and, while making no substantive changes, are submitted to conform this case to the formal requirements and long-established formal standards of U.S. Patent Office practice, and to provide improved idiom and better grammatical form.

The enclosed substitute specification is presented herein in both marked-up and clean versions.

STATEMENT

The undersigned, an agent registered to practice before the Office, hereby states that the enclosed substitute specification includes the same changes as are indicated in the marked-up copy of the original specification. It does not contain new subject matter.

Respectfully submitted,



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AP 10741

Agent for Applicants

Claims

1-10 Canceled

11. (New) A method for determining an actual value of a control variable set by an actuator in accordance with a theoretical value, the method comprising:

forming an actuator model having at least one parameter;

determining an actual total value;

determining a partial value of the actual total value set in accordance with a theoretical total value consisting of a sum of theoretical partial values, in dependence on the theoretical partial value corresponding to the partial value; and

determining a value of the parameter by a divergence between the theoretical total value and the actual total value of the control variable.
12. (New) The method according to claim 11, wherein the value of the parameter is assigned to the value of the deviation by means of a characteristic curve.
13. (New) The method according to claim 11, wherein the value of the parameter is determined by means of an actuator model or a parameter estimation process.
14. (New) The method according to claim 11, wherein the value of the parameter is determined by means of the same actuator model as the partial value) of the actual value of the control variable.
15. (New) The method according to claim 11, wherein a value for the parameter is only determined if a rate of change of the total theoretical value or a rate of change of the total actual value exceeds a preset threshold value.

AP 10741

16. (New) A method according to claim 15, wherein a value for the parameter is retained if the rate of change of the total theoretical value or the rate of change of the total actual value lies below the preset threshold value.
17. (New) A method according to claim 11, wherein a value of the parameter is limited to a preset interval.
18. (New) A method according to claim 11, wherein a time constant is determined as the parameter of an actuator model describing a transmission behavior of the actuator.
19. (New) A method according to claim 11, wherein an assessed value is determined for an actual partial value of a steering angle set by an actuator of a superimposition steering on the steerable wheels of a vehicle.
20. (New) A method according to claim 11, wherein an assessed value is determined for an actual partial value of a steering angle changing a transmission ratio of a steering of the vehicle in a manner dependent upon speed, and set by means of a superimposition steering.